



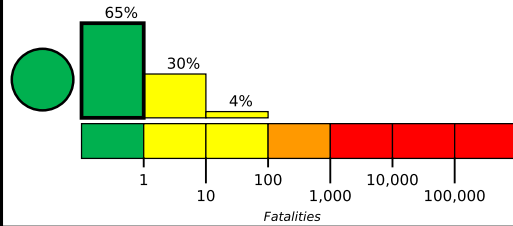
## M 5.5, 11 km N of Kamrai, Greece

Origin Time: 2021-02-17 03:36:07 UTC (Wed 05:36:07 local)

Location: 38.4057° N 22.0190° E Depth: 5.3 km

Created: 3 weeks, 2 days after earthquake

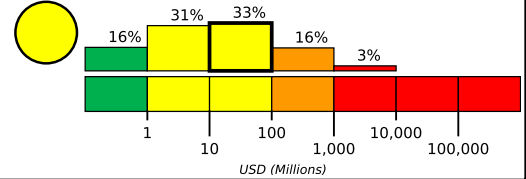
### Estimated Fatalities



Yellow alert for economic losses. Some damage is possible and the impact should be relatively localized. Estimated economic losses are less than 1% of GDP of Greece. Past events with this alert level have required a local or regional level response.

Green alert for shaking-related fatalities. There is a low likelihood of casualties.

### Estimated Economic Losses

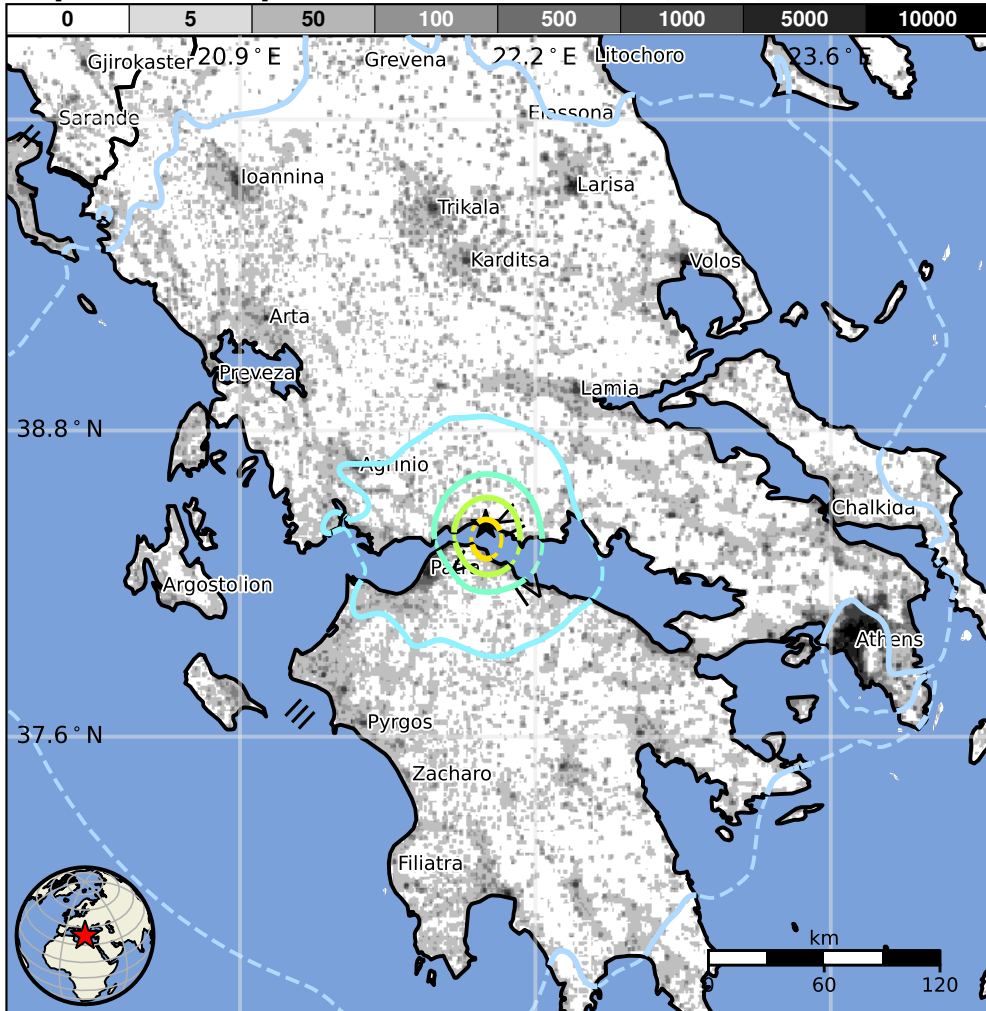


### Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		—*	6,473k	397k	34k	30k	5k	1k	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

\*Estimated exposure only includes population within the map area.

### Population Exposure



### Structures

Overall, the population in this region resides in structures that are a mix of vulnerable and earthquake resistant construction. The predominant vulnerable building types are rubble/field stone with lime and unknown/miscellaneous types construction.

### Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1979-11-06	188	5.4	VII(26k)	1
1978-06-19	279	5.3	VII(3k)	1
1999-09-07	144	6.0	IX(10k)	143

Recent earthquakes in this area have caused secondary hazards such as landslides that might have contributed to losses.

### Selected City Exposure

from GeoNames.org

MMI	City	Population
VII	Kamarai	1k
VII	Rododafni	3k
VI	Aigio	20k
VI	Temeni	1k
V	Nafpaktos	13k
V	Lidoriki	1k
IV	Patra	168k
III	Lamia	52k
III	Larisa	145k
III	Ioannina	66k
II	Athens	664k

bold cities appear on map.

(k = x1000)

PAGER content is automatically generated, and only considers losses due to structural damage. Limitations of input data, shaking estimates, and loss models may add uncertainty.

<https://earthquake.usgs.gov/earthquakes/eventpage/us6000diae#pager>

Event ID: us6000diae